



- 2 Type**
- KVS** With ball lever, angular (serration)
 - GVS** With ball lever, straight (serration)
 - SKS** With hex
- 3 Clamping direction**
- R** By clockwise rotation (drawn version)
 - L** By anti-clockwise rotation

1		4												d ₂	d ₃	d ₅	d ₆	h ₁	h ₂	h ₃	h ₄ ≈	h ₅	h ₇ ≈	l ₂ ≈	A/F
d ₁ -0,5	l ₁																								
40	10*	15	20	25	30	35**	40	45*	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15					
40	50	55**	60	65*	70	75**	80	90	M 6	25	24	20	10,3	36	26	55	31	0,2	100	15					
50	12	22	32	42	52	62	72	82	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19					
50	92	102	112	-	-	-	-	-	M 8	30	28	24	12,3	41	31	62	36	0,2	116	19					

* only type KVS and GVS ** only type SKS

Specification

GN 918.1

Steel

- Clamping bolt / guide bushing / thrust washer
Case-hardened
- Socket cap screw ISO 4762-12.9
- Lever
Blackened

GN 918.6

Stainless steel

- AISI 303, chemically nickel plated
- Guide bushing / thrust washer
AISI 630, tempered
- Socket cap screw ISO 4762-A2-70
- Lever
AISI 303, matt shot-blasted
Blackened

Ball knob DIN 319

- Plastic, phenolic resin (PF)
- Black, shiny finish

RoHS

Technical Information	Page
Technical instructions	QVX
Strength Values of Screws	QVX
Plastic Characteristics	QVX

Clamping bolts GN 918.1 / GN 918.6 have a circumferential wedge surface. They allow for rapid and secure clamping and releasing with a relatively large clamping range and with high clamping force. Owing to the small pitch angle (wedge angle), the clamping bolt is self-locking.

Fastening via screw from the operator's side bridges a greater clamping range. A sufficiently large screw-in depth t is necessary to safely absorb the screw forces.

The ball levers of types KVS / GVS form a positive connection with the eccentric cam by means of a serration. During assembly, the lever can thus be fixed in a position favorable for clamping or, in the relaxed position, rotated out of the clamping range.

see also...	Page
GN 918.1 Clamping Bolts (with Threaded Bolt)	QVX
GN 918.1 Clamping Bolts (Screw from the Back)	QVX

How to order (Steel)	1 d ₁
	2 Type
	3 Clamping direction
	4 l ₁
GN918.1-50-GVS-R-52	

How to order (Stainless steel)	1 d ₁
	2 Type
	3 Clamping direction
	4 l ₁
GN918.6-40-SKS-L-15	